

BinDecHex

Donald W Millican

Copyright © 2001 DWM Productions

COLLABORATORS

	<i>TITLE :</i> BinDecHex		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	Donald W Millican	February 13, 2025	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	BinDecHex	1
1.1	Contents	1
1.2	What is it?	1
1.3	System Requirements	1
1.4	Legal	2
1.5	How to use the program	2
1.6	Why did I create it?	3
1.7	Author	3
1.8	History	4
1.9	Releases under the DWM Productions label	4

Chapter 1

BinDecHex

1.1 Contents

BinDecHex

BinDecHex and this AmigaGuide is created
by Donald W Millican and (C) Copyright 2001 DWM Productions.

- 1 What is it?
- 2 System Requirements
- 3 Legal
- 4 Usage
- 5 Why did I create it?
- 6 Author
- 7 History
- 8 DWM Productions Releases

1.2 What is it?

BinDecHex is a conversion utility for converting between
Binary, Decimal & Hexadecimal.

To discover why I created BinDecHex [click here](#).

If you want to run it you'll want to know the system requirements.

Or jump straight to usage for instructions on
how to access the program.

[Return to contents](#)

1.3 System Requirements

Minimum system required (this is untested):

An Amiga, 30Kb RAM, Workbench 2.05

Recommended system:

Amiga1200, 50Kb RAM free, Workbench 3.0+

Development system:

Hardware

Amiga1260T in Power Tower, Blizzard 1260 with 16Mb RAM,
6.4Gb hard disk, Philips 109S10 19" monitor,
2Gb JAZ2 drive, Pace 'Solo' 56K Modem.

Software

Workbench 3.9, StormC3.0

[Return to contents](#)

1.4 Legal

This program is Emailware.

In the event that you find this program useful, send me an email.

It is freely distributable and no profit should be made from it.

BinDecHex is provided 'as is' and the author cannot be held responsible for any damage or data loss occurred as a result of running this program. (I would hope that none of my programs cause any damage).

BinDecHex is (C) Copyright DWM Productions ie. Donald W Millican

The BinDecHex code is copyright and its code and/or design cannot be altered or used in full or in part.

The whole program cannot be changed and redistributed without my consent.

This document may be updated for any re-release but the legal section must remain unchanged. The program can be spread anywhere but I request that all the files be kept together including all of this document.

[Return to contents](#)

1.5 How to use the program

Enter a value in one of three ways :

Decimal (e.g. 21)

Binary (e.g. 10101)

Hexadecimal (e.g. 15)

Choose which type of conversion you would like and click 'OK'.

The conversion will be performed and the answer will appear in the entry box.

Please note that the program makes no attempt to ensure that when for instance converting Binary to Decimal that the correct type of number has been entered, therefore unexpected results may occur.

To empty the entry box click the 'Clear' button.

Note:

When converting from Binary to Decimal the program will ask you if the Binary number is positive or negative. This is because it is difficult to distinguish which type the Binary number is.

Because a Hexadecimal number cannot be negative or fractional the program will not let you try to convert to or from Hexadecimal in those circumstances.

Additionally, although two-way conversion between negative decimal and negative binary is possible, the program cannot yet convert fractional numbers and once again will stop you if you try to do so.

[Return to contents](#)

1.6 Why did I create it?

Having written one conversion program - 'EasyConvert' - I decided to create another but slightly different one. This one is more for the programmer whereas the former is for anybody.

Once again, there are various other programs you can use but I regarded this project as a challenge as unlike 'EasyConvert' I didn't have the conversion formulae to hand when writing the code. Instead I had to research the various types of conversion.

[Return to contents](#)

1.7 Author

Donald W Millican
83 Stonelaw Drive,
Rutherglen,
Glasgow,
G73 3PA.
Scotland.

E-Mail: DonaldWM@Millican.cjb.net

Websites (All created by me!):

Millican home pages: <http://millican.cjb.net>

DWM Productions: <http://millican.cjb.net/dwm/indexdwm.html>

Glasgow Amiga User Group: <http://gaug.cjb.net>

The Amiga Computer: <http://amigacomputer.cjb.net>

^ ^
| |
*** BinDecHex homepage ***

Rutherglen Baptist Homepage: <http://rutherglenbaptist.cjb.net>

[Return to contents](#)

1.8 History

*** Pre-Program History ***

17/12/00 : Version 0.1 : Decimal to Binary routine written

27/12/00 : Version 0.2 : Binary to Decimal routine written

*** Next three functions can only use integers and numbers exactly divisible by 16

27/12/00 : Version 0.3 : Decimal to Hexadecimal routine written

28/12/00 : Version 0.4 : Hexadecimal to Decimal routine written

28/12/00 : Version 0.5 : Binary <-> Hexadecimal routine written

10/01/01 : Version 0.6 : First part of above item re-written

11/01/01 : Version 0.7 : Second part of above item re-written

13/01/01 : Version 0.8 : Negative DectoBin routine written

18/01/01 : Version 0.9 : Negative Bintodec routine written

08/05/01 : Version 0.10 : Negative conversion bugs fixed

08/05/01 : Version 0.15 : GUI added

*** Program History ***

17/06/01 : Version 0.20 : Initial Release

[Return to contents](#)

1.9 Releases under the DWM Productions label

I have released several programs.

They are as follows:

CycleDBase:

Database primarily for my benefit for recording cycle trips.

Offers loading, saving and extensive search facilities.

On Aminet as util/misc/CycleDBase.lha

Also on website: <http://amigacomputer.cjb.net/programs/cycledbase.html>

Easy Convert:

Converts to and from a number of measurements. Many satisfied users.
Deliberately simplistic interface.
On Aminet as util/conv/EasyConvert.lha
Also on website: <http://amigacomputer.cjb.net/programs/easyconvert.html>

Calculator:
A fully functional calculator.
On Aminet as util/misc/Calculator.lha
Also on website: <http://amigacomputer.cjb.net/programs/calculator.html>

EasyReset:
System reset utility which checks you actually want to reset
before doing so.
On Aminet as util/wb/EasyReset.lha
Also on website: <http://amigacomputer.cjb.net/programs/EasyReset.html>

BinDecHex:
Converts between Binary, Decimal & Hexadecimal numbers.
On Aminet as util/conv/BinDecHex.lha
Also on website: <http://amigacomputer.cjb.net/programs/BinDecHex.html>

Quotes:
A 'cookie' like program which loads in sayings from a file
and randomly puts them together to make weird messages. Has been known
to cause system crashes - USE AT YOUR OWN RISK.
On Aminet as util/wb/Quotes.lha
Also on website: <http://amigacomputer.cjb.net/programs/quotes.html>

Vowel Count:
A silly program which counts the number of vowels
in an entered string and then displays statistics
of its findings and the string (minus vowels).
On Aminet as util/misc/Vowel.lha

[Return to contents](#)